



TEXAS SAFETY REST AREA BUILDING AND SPONSORSHIP PROGRAMS



- 1 - Accident Analysis
- 2 - TxDOT Safety Rest Area Program
- 3 - TxDOT Sponsorship Program

Fatigue Related Accident Data

Fatigue Related Statistics Nationwide (NHTSA*)

Year	# Fatal Accidents	# Injury Accidents	Total Crashes
2006	1033	38000	86000
2007	926	38000	88000
2008	746	36000	72000
2009	730	30000	72000
2006-2009	4,935	142,000	318,000



Fatigue Related Statistics Texas



Year	# Fatal Accidents	Nationwide Comparison	# Injury Accidents	Nationwide Comparison	Total Crashes	Nationwide Comparison
2006	282	27.30%	6,065	15.96%	9,067	10.54%
2007	239	25.81%	5,754	15.14%	8,845	10.05%
2008	230	30.83%	5,236	14.54%	8,465	11.76%
2009	203	27.81%	4,828	16.09%	8,080	11.22%
2006-2009	954	19.33%	21,883	15.41%	34,457	10.84%

IN TEXAS
 19% of US Fatalities
 15% of US Injuries
 11% US Accidents

* US DOT/National Highway Traffic Safety Administration "Traffic Safety Facts", (March 2011) - <http://www-nrd.nhtsa.dot.gov/pubs/811449.pdf>

Accident Data Within 50 Miles of Safety Rest Area

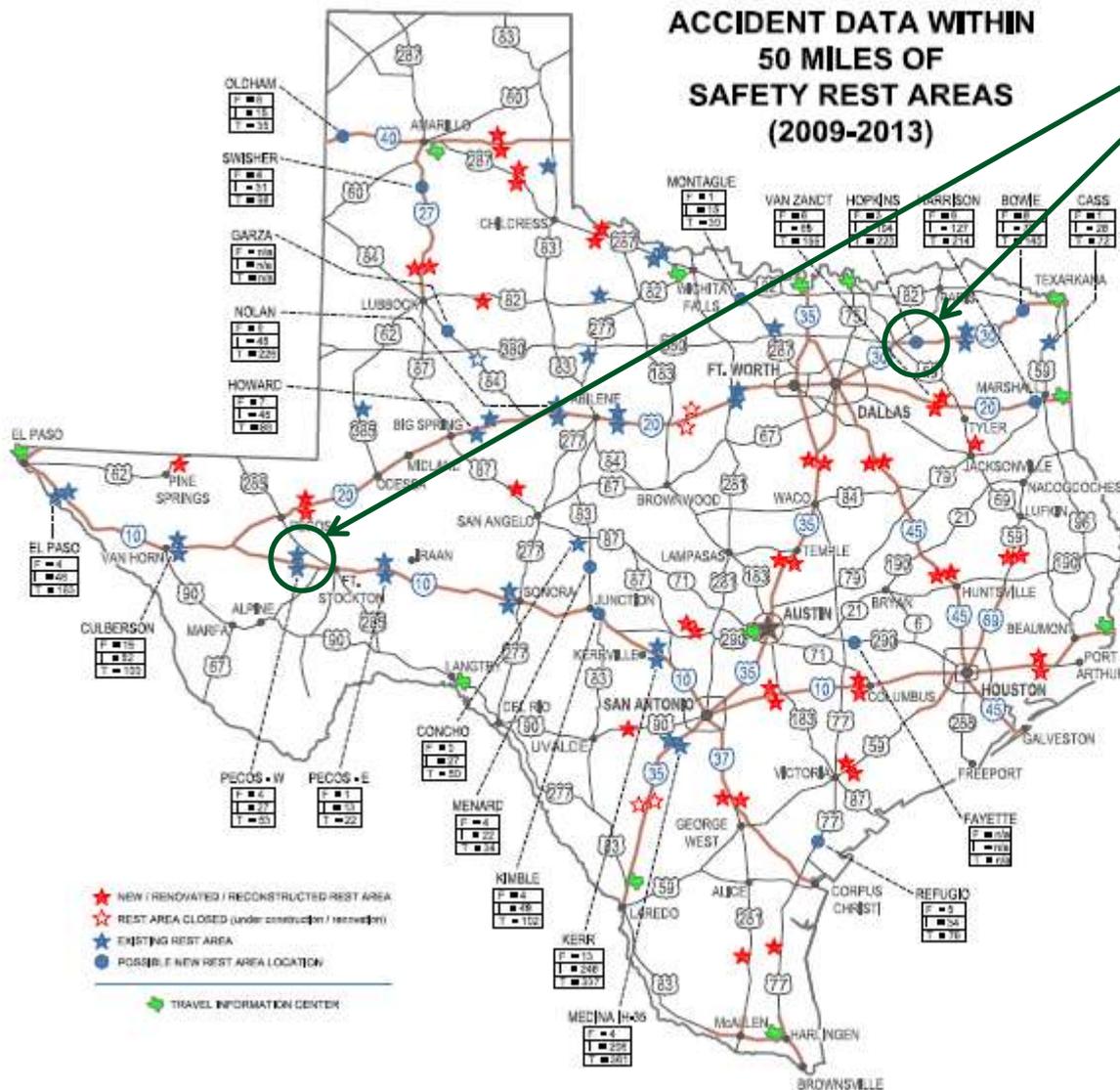


F16						
FATIGUED OR ASLEEP						
	A	B	C	D	E	
1	11226941	2010	30.8843415	-102.4427092	NOT INJURED	FAILED TO C
2	13317777	2013	30.86360283	-102.5227494	NON-INCAPACITATING	FATIGUED OR
3	13450415	2013	30.86194972	-102.5378054	NON-INCAPACITATING	FATIGUED OR
4	11013654	2009	30.86105217	-102.5461249	POSSIBLE INJURY	FATIGUED OR
5	12405780	2011	30.86134238	-102.58	INCAPACITATING INJURY	FATIGUED OR
6	11128316	2009	30.86192877	-102.5840505	NOT INJURED	FATIGUED OR
7	11380865	2010	30.87116493	-102.6083577	FATAL	FATIGUED OR
8	11391494	2010	30.87890409	-102.6577029	NOT INJURED	FATIGUED OR
9	11372630	2010	30.88900481	-102.7109919	NON-INCAPACITATING	FATIGUED OR
10	12517712	2011	30.89034395	-102.7632464	NOT INJURED	DRIVER INAT
11	12531737	2011	30.89082321	-102.7854045	INCAPACITATING INJURY	FATIGUED OR
12	12790309	2012	30.89117366	-102.8017122	NOT INJURED	FAILED TO C
13	11850383	2010	30.89129243	-102.8071519	NOT INJURED	FAILED TO D
14	10804017	2009	30.8954569	-102.8517033	NOT INJURED	FATIGUED OR
15	12922105	2012	30.89874999	-102.9142236	NOT INJURED	FATIGUED OR
16	13205228	2013	30.89603084	-102.9695951	NON-INCAPACITATING	FATIGUED OR
17	10927660	2009	30.89726489	-102.9926948	NON-INCAPACITATING	FATIGUED OR
18	13029992	2012	30.89732944	-102.9939155	NON-INCAPACITATING	FAILED TO D
19	11069206	2009	30.89844477	-103.0150061	FATAL	FATIGUED OR ASLEEP; FAULTY EVASIVE A

County	Highway	ADT	# Fatal Accidents	# Injury Accidents	Total Accidents
Pecos W	IH 10	5,300	4	27	53
Hopkins	IH 30	25,000	3	104	220
Montague	US-287	22,000	1	15	30
Nolan	IH 20	18,600	6	45	226
Culberson	IH 10	10,200	15	52	100
Refugio	US 77	11,100	5	34	76
Pecos (E)	IH 10	5,400	1	13	22
El Paso	IH 10	15,800	4	46	163
Oldham	IH 40	10,100	6	15	35
Kimble	IH-10	9,500	4	49	102
Harrison	IH 20	32,000	6	127	214
Medina IH35	IH 35	35,000	4	206	361
Fayette	US 290	10,600	N/A	N/A	N/A
Howard	IH 20	16,400	7	45	86
Kerr	IH 10	13,000	13	248	337
Cass	US 59	8,700	1	28	72
Van Zandt	IH 20	29,000	6	69	155
Garza	US 84	8,200	N/A	N/A	N/A
Swisher	IH 27	8,100	4	31	68
Bowie	IH 30	24,000	8	73	140
Concho	US 87	4,600	0	27	50
Menard	US 83	3,500	4	22	34

Project Location Prioritization

ACCIDENT DATA WITHIN 50 MILES OF SAFETY REST AREAS (2009-2013)



Land Acquired	County	Highway	ACT	# Fatal Accidents	# Injury Accidents	Total Accidents
Yes	Pecos W*	IH 10	5,300	4	27	53
Yes	Hopkins*	IH 30	25,000	3	134	230
Yes	Montague	LS-287	22,000	1	15	30
Yes	Nolan	IH 20	18,600	6	46	226
Yes	Culberson	IH 10	10,200	15	52	100
Yes	Refugio	US 77	11,100	5	34	76
	Pecos (E)	IH 10	5,400	1	13	22
	El Paso	IH 10	15,800	4	46	163
	Oldham	IH 40	10,100	6	15	35
	Kimble	IH 20	9,500	4	49	102
	Harrison	IH 20	32,000	6	177	214
	Medina I-35	IH 35	35,000	4	206	361
	Fayette	US 290	10,600	N/A	N/A	N/A
	Howard	IH 20	15,400	7	46	86
	Kerr	IH 10	13,000	13	248	337
	Cass	US 59	8,700	1	28	72
	Van Zandt	IH 20	29,000	6	69	155
	Gonza	US 84	8,200	N/A	N/A	N/A
	Swisher	IH 27	8,100	4	31	68
	Bowie	IH 30	24,000	8	73	140
	Concho	US 87	4,600	0	27	50
Yes	Menard	US 83	3,500	4	22	34

*Preliminary design underway

NHTSA FATALITY ANALYSIS REPORTING SYSTEM (FARS)

<http://www-fars.nhtsa.dot.gov/Main/index.aspx>

The screenshot shows the NHTSA FARS website interface. At the top, there is a navigation bar with tabs for 'Pubs/Data Requests', 'FARS Data Tables', 'Query FARS Data', and 'State Traffic Safety Info'. Below this is a sub-navigation bar with 'Summary', 'Trends', 'Crashes', 'Vehicles', and 'People'. The main content area features three highlighted sections: 'File Versions' (2012 data based on FARS data publication, 1st release), 'GIS Map features', and 'Vehicle Registration and VMT Changes'. A 'Did You Know?' sidebar on the left contains two informational paragraphs. The central focus is a 'National Statistics' table with columns for years from 2012 to 1995 and rows for various traffic crash categories.

File Versions
2012 data based on FARS data publication, 1st release

GIS Map features

Vehicle Registration and VMT Changes

Did You Know?

[View Archive](#)

About 1.9 percent of all traffic crash fatalities in 2010 were pedalcyclists. Alaska, Montana, New Hampshire, and Wyoming reported no pedalcyclists killed. [States 2010]

For every age group, the fatality rate per 100,000 population was lower for females than for males. The injury rate based on population was higher for females than for

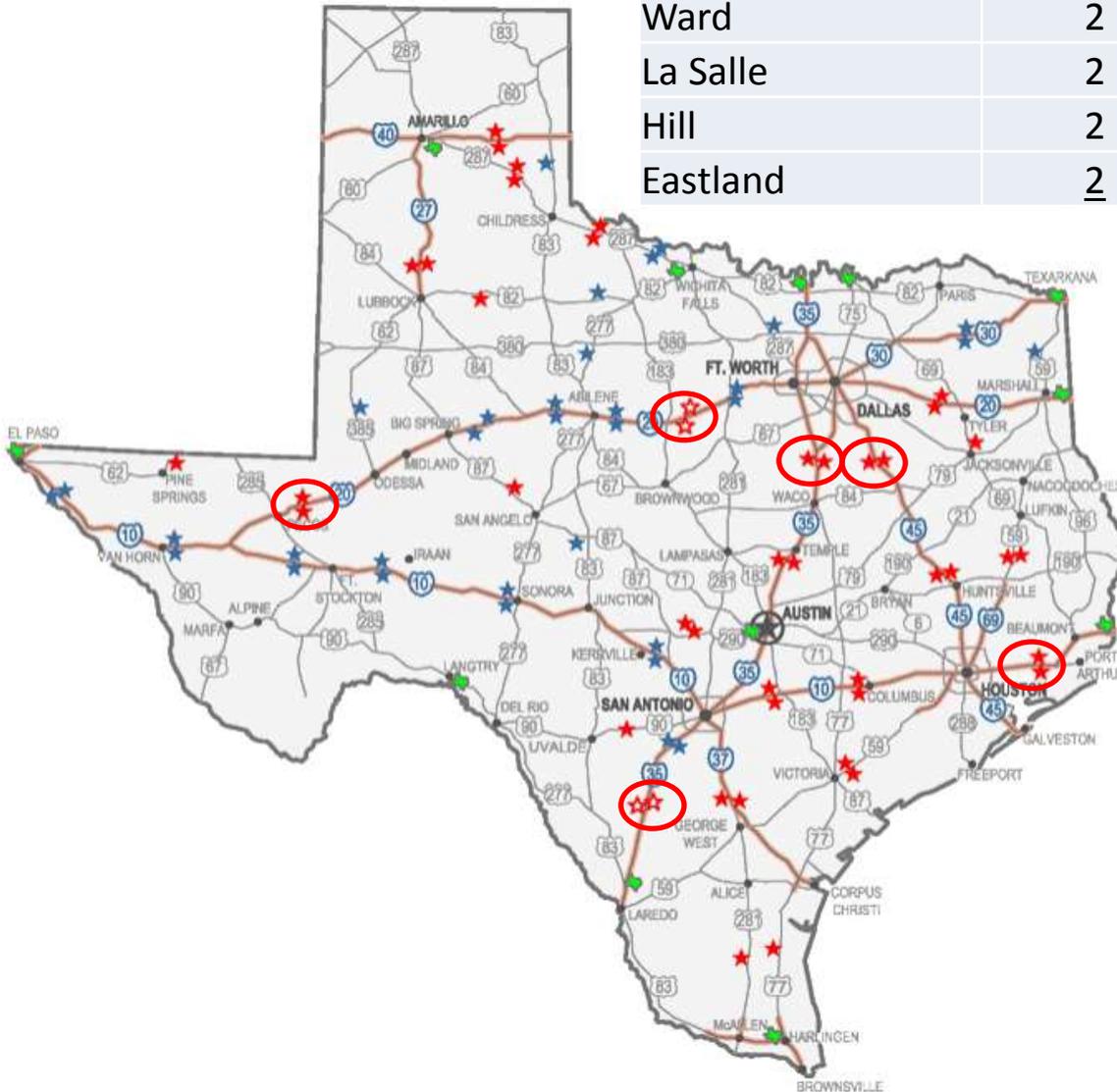
	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995
Motor Vehicle Traffic Crashes																		
Fatal Crashes	30,800	29,867	30,296	30,862	34,172	37,435	38,648	39,252	38,444	38,477	38,491	37,862	37,526	37,140	37,107	37,324	37,494	37,241
Traffic Crash Fatalities																		
Vehicle Occupants																		
Drivers	16,769	16,474	16,864	17,670	19,279	21,717	22,831	23,237	23,158	23,352	23,625	22,914	22,914	22,971	22,654	22,730	22,572	22,370
Passengers	6,061	5,972	6,451	6,793	7,441	8,716	9,187	9,750	10,042	10,171	10,370	10,227	10,451	10,325	10,327	10,765	10,860	10,576
Unknown	82	64	56	63	71	94	101	83	76	104	110	102	86	96	107	114	102	118
Sub Total1	22,912	22,510	23,371	24,526	26,791	30,527	32,119	33,070	33,276	33,627	34,105	33,243	33,451	33,392	33,088	33,609	33,534	33,064
Motorcyclists	4,957	4,630	4,518	4,469	5,312	5,174	4,837	4,576	4,028	3,714	3,270	3,197	2,897	2,483	2,294	2,116	2,161	2,227
Nonmotorist																		
Pedestrians	4,743	4,457	4,302	4,109	4,414	4,699	4,795	4,892	4,675	4,774	4,851	4,901	4,763	4,939	5,228	5,321	5,449	5,584
Pedalcyclists	726	682	623	628	718	701	772	786	727	629	665	732	693	754	760	814	765	833
Other/Unknown	223	200	185	151	188	158	185	186	130	140	114	123	141	149	131	153	154	109
Sub Total2	5,692	5,339	5,110	4,888	5,320	5,558	5,752	5,864	5,532	5,543	5,630	5,756	5,597	5,842	6,119	6,288	6,368	6,526
Total**	33,561	32,479	32,999	33,883	37,423	41,259	42,708	43,510	42,836	42,884	43,005	42,196	41,945	41,717	41,501	42,013	42,065	41,817

Projects Bid

BID		NUMBER	BID	
<u>DATE</u>	<u>COUNTY</u>	<u>OF SITES</u>	<u>AMOUNT</u>	<u>NOTES</u>
	Brooks	1		State Funds
Mar-00	Live Oak	2	1,750,000	
Apr-00	Gillespie	2	1,169,000	
Jun-00	Kenedy	1	2,308,000	
Jul-00	Culberson	1	2,260,293	
Feb-01	Hardeman	2	9,269,000	
Apr-01	Donley/Gray	2	16,848,488	
Apr-01	Coke	1	1,895,000	
May-01	Victoria	2	3,229,000	
Jun-01	Hale	2	5,494,000	
Jul-02	Medina US 90c	1	4,890,000	
Aug-02	Donley US 287	2	10,499,000	
Sep-02	Cherokee	1	1,279,239	
Apr-04	Guadalupe	2	10,567,256	
Nov-05	Walker	2	17,852,000	
Sep-05	Polk	2	5,000,000	
Feb-06	Bell	2	16,408,000	
Jul-09	Navarro	2	14,712,615	Economic Stimulus Funds
Aug-09	Chambers	2	13,771,771	Economic Stimulus Funds
Aug-10	Ward	2	14,473,729	
Jan-11	La Salle	2	15,860,000	Under Construction
Sep-11	Hill	2	16,500,000	
Oct-12	Eastland	<u>2</u>	<u>16,358,386</u>	Under Construction
		40	\$202,394,777	

Projects Since 2012

Navarro	2	14,712,615
Chambers	2	13,771,771
Ward	2	14,473,729
La Salle	2	15,860,000
Hill	2	16,500,000
Eastland	<u>2</u>	<u>16,358,386</u>



Navarro County IH 45



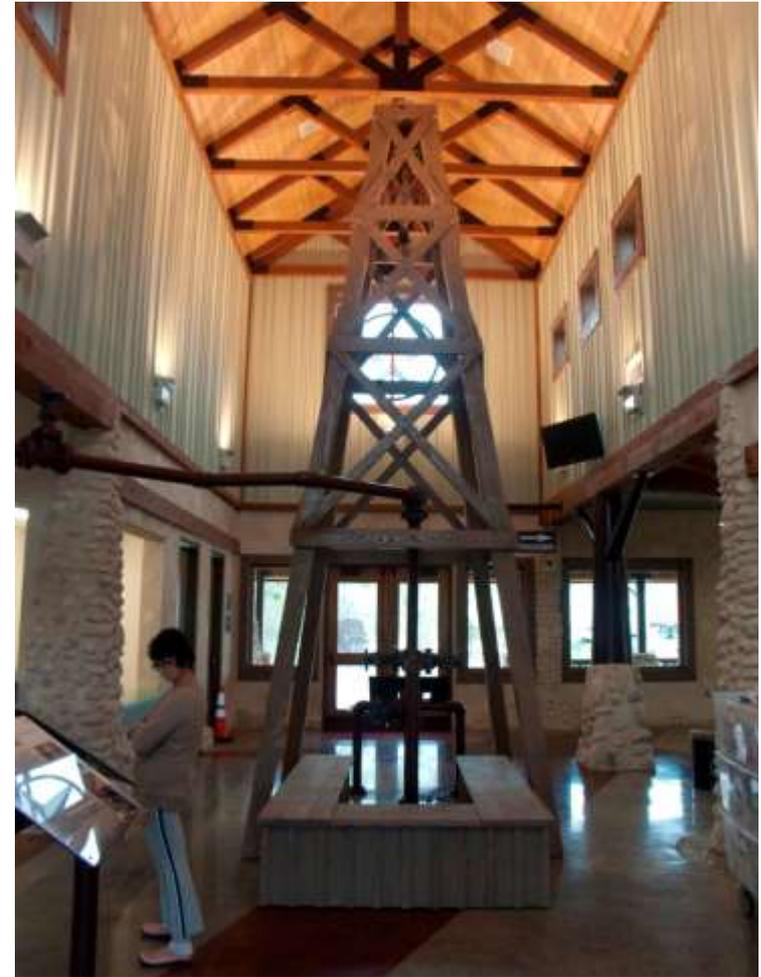
Navarro County IH 45



Navarro County IH 45



Navarro County IH 45



The primary purpose of the safety rest area is to provide a place for travelers to take a break from driving.

This is accomplished by designing safe and interesting places that allow visitors to become refreshed and energized before returning to the road.



The Glyph Walk

Surrounding the Safety Rest Area is what we call a "Glyph Walk." The glyphs, or plaques, located around the site correspond to the glyphs shown here on the site plan above. Visitors, especially children, are challenged to match the glyphs that have been assigned to the various nearby structures, as an unusual and relaxing kind of scavenger hunt.

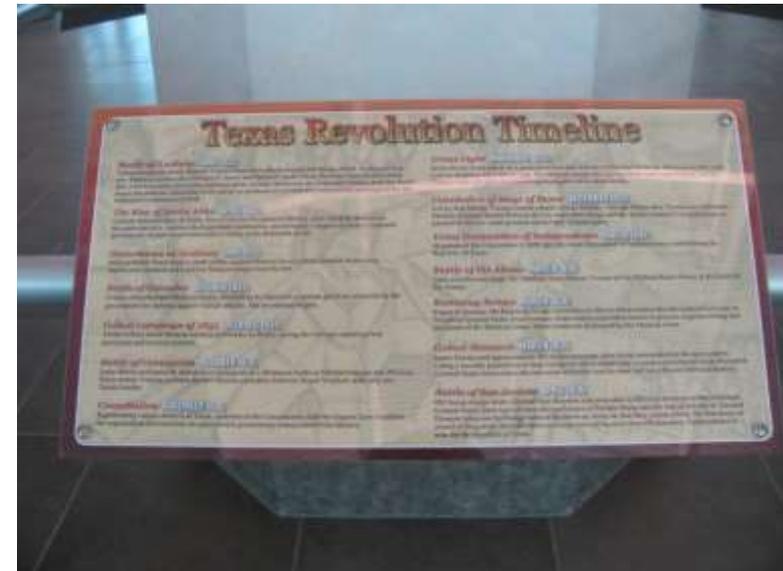
Chambers County IH 10



Chambers County IH 10



Chambers County IH 10



Ward County IH 10



Ward County IH 10



Ward County IH 10



HILL County IH 35



HILL County IH 35



HILL County IH 35



La Salle County IH 35



La Salle County IH 35



La Salle County IH 35



Eastland County IH 20



Request For Proposals

Did not require a minimum guaranteed proceeds amount to TxDOT.

- Allows collaborative sponsorship ideas without putting a ceiling on potential revenue for vendor and TxDOT
- Encourages expansion of Program

Request For Proposals Complete

- Received Five Proposals
- Interviewed All Five
- Selected Two

1 - Sponsors for Roadway Maintenance

2 – Sponsors for Safety Rest Areas

Adopt A Highway Maintenance Corporation

- Finds Sponsors for maintenance activities
- Provides, installs and maintains
Acknowledgment Signs
- Can provide litter pickup services

Adopt A Highway Maintenance Corporation

Revenue Sharing -LITTER REMOVAL

Mixed-Service (Includes litter pickup)

Vendor shall pay TxDOT as follows:

Year 1 of the Agreement, the greater of

10 percent of gross revenue
or
\$20,000;

Year 2 of the Agreement, the greater of

15 percent of gross revenue
or
\$150,000; and

Each remaining year of the Agreement, the greater of

15 percent of gross revenue
or
\$200,000.

Limited Service (No litter pickup)

Vendor shall pay TxDOT as follows:

Year 1 of the Agreement, the greater of

20 percent of gross revenue
or
\$25,000;

Year 2 of the Agreement, the greater of

30 percent of gross revenue
or
\$200,000; and

Each remaining year of the Agreement, the greater of

30 percent of gross revenue
or
\$300,000

Adopt A Highway Maintenance Corporation

Revenue Sharing –WILDFLOWER PROGRAM

Vendor shall pay to TxDOT **50 percent of the gross** revenue received from sponsorship during the term of the Agreement.

Revenue Sharing –GANTRY PROGRAM

Vendor shall pay to TxDOT **50 percent of the gross** revenue received from sponsorship during the term of the Agreement.

ZOOM Information Systems

- Finds Sponsors for Safety Rest Areas
(Highway and interior acknowledgement)
- Markets facility assets for sponsor support
- Provides, installs and maintains
Acknowledgment Signs
- Provides WiFi and System Networking
including system maintenance
- Provides Enhanced Features using
proceeds

ZOOM Information Systems

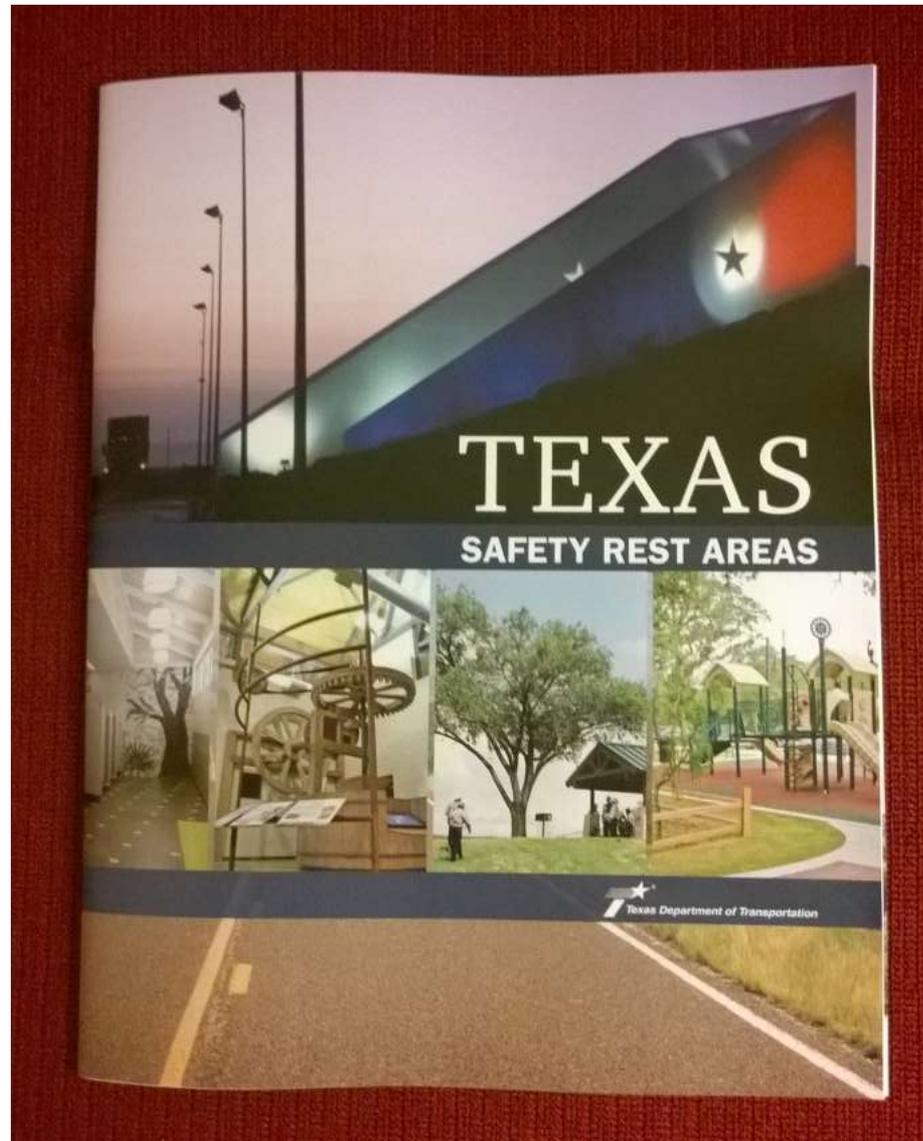
Vendor shall share with TxDOT **30 percent of the gross** revenue that the vendor receives, which TxDOT will use to cover capital improvement costs and connectivity costs.

ATTACHMENT B
CAPITAL IMPROVEMENTS AND CONNECTIVITY PRICE SCHEDULE

Pricing of capital improvements and connectivity shall remain fixed for the duration of the agreement. Additional capital improvements and connectivity may be added to Attachment B based on mutual agreement between TxDOT and ZOOM.

Wi-Fi Install	\$ 2,625.00
Interactive Digital Signage Install	\$ 5,250.00
Monitor Install	\$ 1,125.00
Monthly Internet Service Provider / Monitoring Charges (per active site)	\$ 150.00

Sponsors For Safety Rest Areas





TEXAS SAFETY REST AREA BUILDING AND SPONSORSHIP PROGRAMS

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Safety Rest Area Sponsor Program
Contact: Bryan Frazier
Travel Services Section Director
Bryan.Frazier@TxDOT.GOV
(512) 486-5801